

Tmrcement

Technical Data Sheet 12/2023



Tmrcement

Cement-based repair and leveling mortar

Product Description

Cement based hand applied repair mortar for non-structural repairs for use on rough cast and fine finish surfaces for interior and exterior applications

Storage

The bags should be stored horizontally on a flat surface such as a wooden pallet and kept dry so that they do not come into contact with water. Partly opened and / or damaged bags should not be used. Product shelf time is 12 months.

Standards referred to

TS EN 988 - 1: 2017 General purpose rendering mortar (GP) for internal and external use (CSIV)

Fields of Application

Used on surfaces like brick, briquette, aerated concrete, exposed concrete etc. for indoor and outdoor applications

Properties

- Weather resistant
- Air permeability
- Easy and fast application

Application

Surface Preparation

Clear all of the subsurfaces of foreign and chemical materials like dust, paint, form oil. There shouldn't be any loose piece on the surface.

Application

- Pour the plaster into the water in a clean container according to the appropriate mixture ratio and mix at low speed with a mechanical mixer until achieving a homogeneous mixture.
- It's recommended to prepare mortar as much as required and consume the prepared mortar within 1 hour at most. Do not add water to the mortar that started to harden. Do not add any foring materials (lime, sand, cement, gypsum etc.) into the prepared mortar. Do not perform application on the surfaces which are frozen, melting or posing frost hazard within 24 hours. In case the surface temperature which the application will be performed is above 30° C, damp the surface.
- Keep the bags on the pallets in a dry place as not to contact with water.
- For futher information, please refer to www.knauf.com.tr or hotline from-444YAPI (9274).

Application Tools

Spatula, trowel

Application Temperature

Application at temperatures below +5 ° C is not recommended. The newly applied plaster must be protected against direct sun, frost, rain and wind until completely dry.

Working Time (on the Applied Surface)

3 hour

Safety Instructions

- After handling, wash hands with plenty of water.
- Wear protective gloves / protective clothing / eye protection / face protection.
- In case of eye contact: Rinse cautiously with water for several minutes.
- If you have a lens in your eye and are easy to remove,go on.
- If eye irritation persists: Get medical advice / attention.

Technical Data

Description	Unit	Value
Color	-	Grey
Amount of mixing water (for 25 kg mortar)	L	5 - 6
Capillary water absorption	-	W2
Compressive strength 28 days	N/mm ²	≥ 6
Water vapour diffusion resistance	μ	≤ 20
Thermal conductivity λ10 (dry)	W / mK	≤ 0,82 (P=%50) ≤ 0,89 (P=%90)
Reaction to fire	-	A1
Working Time (on the Applied Surface)	hour	3
Application temperature	°C	5 - 30
Bonding strength 28 days	N/mm ²	≥ 0,08

Packaging

Description	Weight (kg)	Packaging (bag/pallet)	Material Number
Tmrcement	25	66	591190

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

[Knauf Technical Website](#)
[Document Center](#)

Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system.

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